

**ARG56174**  
anti-PAX7 antibody [PAX7/497]Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [PAX7/497] recognizes PAX7
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Mouse
Clonality	Monoclonal
Clone	PAX7/497
Isotype	IgG1, kappa
Target Name	PAX7
Species	Human
Immunogen	Recombinant human PAX7 protein.
Conjugation	Un-conjugated
Alternate Names	HUP1; RMS2; PAX7B; Paired box protein Pax-7; HuP1

### Application Instructions

Application table	Application	Dilution
	FACS	0.5 - 1 µg/10 <sup>6</sup> cells
	ICC/IF	1 - 5 µg/ml
	WB	0.5 - 1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA.
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

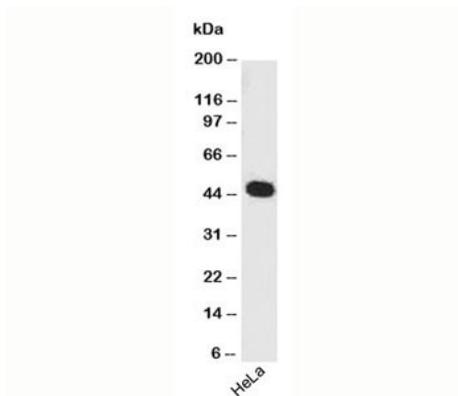
Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links	<a href="#">GeneID: 18509 Mouse</a> <a href="#">GeneID: 5081 Human</a> <a href="#">Swiss-port # P23759 Human</a> <a href="#">Swiss-port # P47239 Mouse</a>
Gene Symbol	PAX7
Gene Full Name	paired box 7
Background	This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. The specific function of the paired box 7 gene is unknown but speculated to involve tumor suppression since fusion of this gene with a forkhead domain family member has been associated with alveolar rhabdomyosarcoma. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]
Function	Transcription factor playing a role in myogenesis through regulation of muscle precursor cells proliferation. [UniProt]
Calculated Mw	55 kDa
Cellular Localization	Nuclear

## Images



ARG56174 anti-PAX7 antibody [PAX7/497] WB image

Western blot: HeLa cell lysate stained with ARG56174 anti-PAX7 antibody [PAX7/497].